

**UNITED STATES DEPARTMENT OF COMMERCE****United States Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231*CP*

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. |
|-----------------|-------------|----------------------|---------------------|
|-----------------|-------------|----------------------|---------------------|

09/147,443 01/21/99 MORELL

A P63221US0

HM12/0522

JACOBSON PRICE HOLMAN & STERN
400 SEVENTH STREET NW
WASHINGTON DC 20004

EXAMINER

DECLOUX, A

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

1644

22

DATE MAILED: 05/22/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
09/147,443

Applicant(s)

Morell

Examiner

DeCloudx, Amy

Art Unit

1644



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on _____

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle* 1035 C.D. 11; 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-21 is/are pending in the application.

4a) Of the above, claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) _____ is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claims 1-21 are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are objected to by the Examiner.

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

a) All b) Some* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

15) Notice of References Cited (PTO-892) 18) Interview Summary (PTO-413) Paper No(s). _____

16) Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) Notice of Informal Patent Application (PTO-152)

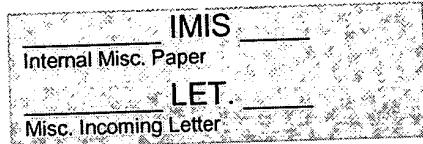
17) Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 20) Other: _____

BACKFILE DOCUMENT INDEX SHEET



A DOCPHOENIX

APPL PARTS



| | |
|---------------------------------|--|
| IMIS | |
| Internal Misc. Paper | |
| LET | |
| Misc. Incoming Letter | |
| 371P | |
| PCT Papers in a 371 Application | |
| A... | |
| Amendment Including Elections | |
| ABST | |
| Abstract | |
| ADS | |
| Application Data Sheet | |
| AF/D | |
| Affidavit or Exhibit Received | |
| APPENDIX | |
| Appendix | |
| ARTIFACT | |
| Artifact | |
| BIB | |
| Bib Data Sheet | |
| CLM | |
| Claim | |
| COMPUTER | |
| Computer Program Listing | |
| CRFL | |
| All CRF Papers for Backfile | |
| DIST | |
| Terminal Disclaimer Filed | |
| DRW | |
| Drawings | |
| FOR | |
| Foreign Reference | |
| FRPR | |
| Foreign Priority Papers | |
| IDS | |
| IDS Including 1449 | |

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|------------------------------|---------------------------|
| NPL | CTNF |
| Non-Patent Literature | Count Non-Final |
| OATH | CTRS |
| Oath or Declaration | Count Restriction |
| PET. | EXIN |
| Petition | Examiner Interview |
| RETRMAIL | M903 |
| Mail Returned by USPS | DO/EO Acceptance |
| SEQLIST | M905 |
| Sequence Listing | DO/EO Missing Requirement |
| SPEC | NFDR |
| Specification | Formal Drawing Required |
| SPEC NO | NOA |
| Specification Not in English | Notice of Allowance |
| TRNA | PETDEC |
| Transmittal New Application | Petition Decision |

OUTGOING

| | |
|---------------------------|--|
| CTMS | |
| Misc. Office Action | |
| 1449 | |
| Signed 1449 | |
| 892 | |
| 892 | |
| ABN | |
| Abandonment | |
| APDEC | |
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| Examiner Answer | |
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| Count Final Rejection | |

INCOMING

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| AP.B | |
| Appeal Brief | |
| C.AD | |
| Change of Address | |
| N/AP | |
| Notice of Appeal | |
| PA.. | |
| Change in Power of Attorney | |
| REM | |
| Applicant Remarks in Amendment | |
| XT/ | |
| Extension of Time filed separate | |

Internal

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|---------------------------------|--|
| SRNT | |
| Examiner Search Notes | |
| CLMPTO | |
| PTO Prepared Complete Claim Set | |

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| ECBOX | |
| Evidence Copy Box Identification | |
| WCLM | |
| Claim Worksheet | |
| WFEE | |
| Fee Worksheet | |

File Wrapper

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|--------------------------------|--|
| FWCLM | |
| File Wrapper Claim | |
| IIFW | |
| File Wrapper Issue Information | |
| SRFW | |
| File Wrapper Search Info | |

Notice of References Cited

| | | |
|------------------|--------------|-------------------------|
| Applicant/Patent | Morell | Application/Control No. |
| Examiner | DeCloud, Amy | 09/147,443 |
| | Art Unit | 1644 |

Page 1 of 1

U.S. PATENT DOCUMENTS

| | Document Number Country Code-Number-Kind Code | Date MM-YYYY ¹ | Name | Classification ² |
|---|--|------------------------------|------|-----------------------------|
| A | | | | |
| B | | | | |
| C | | | | |
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FOREIGN PATENT DOCUMENTS

| | Document Number Country Code-Number-Kind Code | Date MM-YYYY ¹ | Country | Name | Classification ² |
|---|--|------------------------------|---------|------|-----------------------------|
| N | | | | | |
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NON-PATENT DOCUMENTS

| | |
|---|--|
| | Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages |
| U | Seigel (Annals N.Y. Acad. Sciences, (1995) 764:547-558 |
| V | |
| W | |
| X | |

* A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a).

¹ Dates in MM-YYYY format are publication dates.

² Classifications may be U.S. or foreign.